MassDOT Contract No. Federal Aid Project No. CM-002S(910)X,



ENVIRONMENTAL MONITOR REPORT FEBRUARY 1, 2018 – FEBRUARY 28, 2018

Distribution

This report was sent to the following individuals via. e-mail:

Greg Kwon, Resident Engineer MADOT, Greg.Kwon@dot.state.ma.us

John Viens, Site Superintenant, D.W. White, jviens@dwwhite.com

Delia Kaye, Natural Resources Director, Town of Concord, dkaye@concordma.gov

The following individuals were also CC'd via e-mail:

Mark Cain, MADOT, mark.cain@dot.state.ma.us
Ann Roche, MADOT, ann.roche@dot.state.ma.us
Amy Lynch, MADOT, amy.lynch@dot.state.ma.us
Tim Kelley, Project Manager, D.W. White, tkelley@dwwhite.com
Rich Kirby, Environmental.com
Rich Kirby, Environmental.com

STATUS OF CONSTRUCTION

Construction has paused due to winter conditions. Limited work on the rehabilitation bridge near Brookside Square will begin next week. Work includes installing safety decking under the bridge.

WEATHER

The weather station at Hanscom Airfield records and publishes real-time precipitation data (USGS 01100568). According to the weather station, seven precipitation events which totaled to be 0.25", 0.28", 0.72", 0.28", 0.76", 0.33", and 0.50" occurred.

SWPPP REPORTS

Copies of the reports are kept in the construction trailer. Copies of the SWPPP Reports are included in this report as an attachment.

OBSERVATIONS

PRIME preformed a site walk on February 13, 2018. An 8' section of straw wattle required repair near the serpentine path. The contractor repaired the straw wattle on February 15, 2018. Photos of the site walk are included in the Photographic Documentation appendix.

Page 2 of 1

MassDOT Contract No. Federal Aid Project No. CM-002S(910)X,



ENVIRONMENTAL MONITOR REPORT FEBRUARY 1, 2018 – FEBRUARY 28, 2018

GENERAL SUMMARY

Construction has paused due to winter conditions. Limited work on the rehabilitation bridge near Brookside Square will begin next week. Work includes installing safety decking under the bridge. Erosion control was monitored and no visible sediment washout was entering resource areas.



			General (see/reverse ro			
Name of Project	Bruce Fr	eeman Rail Trail	CGP Tracking No.	MAR10008B	Inspection Date	2/6/18
Inspector Name, Ti Contact Information		John Viens- Supt. D. W. White	Construction, Inc., 8	67 Middle Rd. Acushnet, MA (1 02743 iviens@dww	hite com (774) 320 5830
Present Phase of Co	nstruction	ININTER SA	HUT DU.			77110.00117 (774) 320-3830
Inspection Location inspections are required specify location whimspection is being conducted)	ired,	WINTER SA	SITE			
Inspection Frequence Standard Freque	:y (Note: yo ency:	u may be subject to different inspec Weekly 🗹 Every 14 days an	tion frequencles In differ nd within 24 hours of	rent areas of the site. Check all tha a 0.25" rain	nt apply. J	
Increased Frequ	ency: [2	Every 7 days and within 24 how designated as Tier 2, Tier 2.5, o	urs of a 0.25" rain (for or Tier 3)	areas of sites discharging to se	diment or nutrient-i	mpaired waters or to waters
- 🕍 Once pe	r month (fo r month ar	or stabilized areas) nd within 24 hours of a 0.25" rain or frozen conditions where earth-	(for arid, semi-arid, or disturbing activities a	drought-stricken areas during rebeing conducted)	seasonally dry perio	ods or during drought)
Was this inspection to lif yes, how did y Rain gauge	ov determi	y a 0.25" storm event? W Yes ned whether a 0.25" storm event Weather station represente	t has occurred?	HWW 800N veather station source: -27" Z/5/18	n FIELD	
Total rainfall am	ount that tri	ggered the inspection (in inches		27" 2/5/18	,28"	
- Describe	ne that any aplete the f the condi	portion of your site was unsafe for		P Part 4.1.5? Yes No		

Type/Location of E&S Control [Add an additional sheet if necessary]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	nstructions)
1. N/g	□Yes ☑No	□Yes □No	NONE	NO VISIBUS SIENS OF MAY DISTURBANCE
2.	□Yes □No	□Yes □No		MAY DISTURBINGE
3.	□Yes □No	□Yes □No		
4.	□Yes □No	□Yes □No		•
5.	□Yes □No	□Yes □No		
6.	□Yes □No	□Yes □No		
7.	□Yes □No	□Yes □No		
В.	□Yes □No	□Yes □No		
9.	□Yes □No	□Yes □No		
0.	□Yes □No	□Yes □No		

^{*} Note: The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition and requires repairs if controls are not operating as intended. Corrective actions are triggered only for specific, more serious conditions, which include: 1) A required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in Part 2 and/or 3; 2) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 3) One of the prohibited discharges in Part 2.3.1 is occurring or has occurred; or 4) EPA you must also fill out a corrective action form found at www.epa.gov/npdes/stormwater/swppp. See Part 5 of the permit for more information.

	Condi	lion and Elfecti	Aness of Political	revention (P2) Practices (CGP	THE LANGE OF THE MEDICAL PROPERTY OF THE PROPE
	是是是这种的国际。	A STANDARD S	in the lise effectorse for	rinstructions)	Kdn(23)(138/kg))
Type/Location of P2 Practices [Add an additional sheet if necessary]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes	, v
1. N/4	□Yes ŒNo	□Yes □No	MA	N/A	
2.	□Yes □No	□Yes □No			
3.	□Yes □No	□Yes □No			
4.	□Yes □No	□Yes □No			
5.	□Yes □No	□Yes □No			
δ.	□Yes □No	□Yes □No			
7.	Yes No	□Yes □No			
	□Yes □No	Yes No			
		□Yes □No			

^{*} Note: The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition and requires repairs if controls are not operating as intended. Corrective actions are triggered only for specific, more serious conditions, which include: 1) A required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in Part 2 and/or 3; 2) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 3) One of the prohibited discharges in Part 2.3.1 is occurring or has occurred; or 4) EPA you must also fill out a corrective action form found at www.epa.gov/npdes/stormwater/swppp. See Part 5 of the permit for more information.

stabllization Area Add an additional sheet if necessary]	Stabilization Method	(see reverse to ministructions) Have You Initiated Stabilization?	Notes
· N/A	NA	YES NO	NO WORK BEING
		☐ YES ☐ NO If yes, provide date:	NO WORK BEING-
		☐ YES ☐ NO If yes, provide date:	
		☐ YES ☐ NO If yes, provide date:	
		☐ YES ☐ NO If yes, provide date:	
	Pescilo	ilonjondischarges (GGP Patrian) 25	NAMESTA SERVICIONAS SERVICIOS SERVICIONAS SERVICIOS SERVICIONAS SERVICIOS SERVICIONAS SERVICIOS SERVICIONAS SERVICIOS SERVICIONAS SERVICIOS SERVIC

If "yes", provide the following information Discharge Location [Add an additional sheet if necessary]	Observations
NONE VISIBLE	Describe the discharge: At points of discharge and the channels and banks of surface waters in the immediate vicinity, are there any visit signs of erosion and/or sediment accumulation that can be attributed to your discharge? Yes No lifyes, describe what you see, specify the location(s) where these conditions were found, and indicate whether modification, maintenance, or corrective action is needed to resolve the issue:
	Describe the discharge: At points of discharge and the channels and banks of surface waters in the immediate vicinity, are there any visit signs of erosion and/or sediment accumulation that can be attributed to your discharge? Yes No If yes, describe what you see, specify the location(s) where these conditions were found, and indicate whether modification, maintenance, or corrective action is needed to resolve the issue:

CONTROL CASE CONTRACTOR OF THE SECRETARISES IN		1 31/1/10/37/390
Contractor Certification and S	Signature	
and the state of t	THE PERSON NAMED IN COLUMN	
"I certify under penalty of law that this document and all attachments were prepared under response to assure that qualified personnel properly gathered and evaluated the information of persons who makes that distributions are set of the information of persons who makes the information of the persons who makes the information of the persons who makes the information of the person of the pers		。 1. 10. 10. 10. 10. 10. 10. 10. 10. 10. 1
system designed to assure that qualified personnel properly gathered and evaluated the inferior	my direction	n or supervision in accordance with a
best of my knowledge and belief, true, accurate, and complete. I am aware that there are signally the possibility of fine and imprisonment for knowing violations."	anificant ne	ation, the information submitted is, to the
	O D.	raines for submitting false information,
Signature of Contractor or Subcontractor: AMY /////		2/1/18
Signature of Contractor or Subcontractor: AMM LIMA Printed Name and Affiliation: JOHN VIVENS DW WHITE CONST.	Date:	
rimled Name and Amiliation: JOHN VIVENS OW WHITE CONST.		·
Certification and Signature by Arermittee		
The state of the s		
I certify under penalty of law that this document and all attachments were prepared under mover of the comment	ou dire eti	3,5,5,0,0,1,7,5,8,6,9
ystem designed to assure that qualified personnel properly gathered and evaluated the information of the system, or those persons directly responsible for gathering the system, or those persons directly responsible for gathering the system.	ny direction	or supervision in accordance with a
and complete. Lam gware that there are in	miticant ne	non, the information submitted is, to the
iciuaina me possibility of fino and inserte and the sign of the si		idilies to suppliffing take information
pest of my knowledge and belief, true, accurate, and complete. I am aware that there are signally according the possibility of tine and imprisonment for knowing violations."	mican per	and thornallon,
the pessibility of line and imprisonment for knowing violations."	runcam per	raise information,
ilgnature of Permittee or	medin per	raise information,
ilgnature of Permittee or Duly Authorized Representative":	ттеат рег	raise information,
Signature of Permittee or Duly Authorized Representative":	, шеат рег	raise information,
ilgnature of Permittee or Duly Authorized Representative":	, шеат рег	raise information,

			General see reverse ro	ormelion		
Name of Project	Bruce Fre	eeman Rail Trail	CGP Tracking No.	MAR10008B	Inspection Date	2/3/10
Inspector Name, Til Contact Information	le &	John Viens- Supt. D. W. White	Construction, Inc., 8	67 Middle Rd. Acushi		hite com (774) 320-5830
Present Phase of Co	nstruction	NO WORK -		2 5447		7.1.01007117 (77-17) 020-3030
Inspection Location inspections are requ specify location who inspection is being conducted)	ired,	ENTIRE SC				,
Inspection Frequenc Standard Freque	y (Note: you ency:	u may be subject to different inspec Weekly Every 14 days a	tion frequencles in diffe nd within 24 hours of a	rent areas of the site. Cha a 0.25" rain	eck all that apply.	
Increased Frequ	ency: 🛚 🗓	Every 7 days and within 24 ho designated as Tier 2, Tier 2.5, c	urs of a 0.25" rain (for or Tier 3)	areas of sites discharç	ling to sediment or nutrient-i	mpaired waters or to waters
- 🔟 Once pe	r month (fo r month an	r stabilized areas) d within 24 hours of a 0.25" rain r frozen conditions where earth	(for arid, semi-arid, or disturbing activities a	drought-stricken area re being conducted)	is during seasonally dry perio	ds or during drought)
Rain gauge	ou determi i on site	y a 0.25" storm event? Yes ned whether a 0.25" storm even Weather station represent ggered the inspection (in inches	t nas occurred? ative of site. Specify w	eather station source:	An Porce Bu	VS E
Insafe Conditions for Did you determin If "yes", com	Inspection to that any plete the fo	portion of your site was unsafe	for inspection per CG	P Part 4.1.5? Yes	WNo	
- Location	(s) where c	onditions were found:				

Type/Location of E&S Control [Add an additional sheet if necessary]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	nstructions) Notes
1. NONE AT THIS TIME	□Yes ☑No	□Yes ☑No	Na	NO WORK BEING PERFORMED
11/18 2.	☐Yes ☐No	□Yes □No		ON-SITE
3.	□Yes □No	□Yes □No		
4.	☐Yes ☐No	□Yes □No		
5.	☐Yes ☐No	□Yes □No		
6.	□Yes □No	□Yes □No		
7.	□Yes □No	□Yes □No		
8.	□Yes □No	□Yes □No	I	
7.	□Yes □No	□Yes □No		
10.	□Yes □No	□Yes □No		

^{*} Note: The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition and requires repairs if controls are not operating as intended. Corrective actions are triggered only for specific, more serious conditions, which include: 1) A required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in Part 2 and/or 3; 2) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 3) One of the prohibited discharges in Part 2.3.1 is occurring or has occurred; or 4) EPA you must also fill out a corrective action form found at www.epa.gov/npdes/stormwater/swppp. See Part 5 of the permit for more information.

	Condi	lion and Effecti	eness of Pollution	Rievention (P2) Practices (CGP Pari 2:3)
Type/Location of P2 Practices [Add an additional sheet if necessary]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. N/A	□Yes ☑No	□Yes ŒNo	w/A	N/A
2.	□Yes □No	□Yes □No		
3.	□Yes □No	□Yes □No		
4.	□Yes □No	□Yes □No		
5.	□Yes □No	□Yes □No		<i>:</i>
6 .	□Yes □No	□Yes □No		
7.	□Yes □No	□Yes □No		
8.	□Yes □No	□Yes □No		
9.	□Yes □No	□Yes □No		
10. Note: The permit differentiates to	□Yes □No	□Yes □No		

^{*} Note: The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition and requires repairs if controls are not operating as intended. Corrective actions are triggered only for specific, more serious conditions, which include: 1) A required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in Part 2 and/or 3; 2) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 3) One of the prohibited discharges in Part 2.3.1 is occurring or has occurred; or 4) EPA you must also fill out a corrective action form found at www.epa.gov/npdes/stormwater/swppp. See Part 5 of the permit for more information.

A THE CONTROL OF THE PROPERTY	estalivisuomine ysintiin valmadavatuu vasta assa kaleeta	all and a second and	BFRT MassDOT (Contract No-9759
Stabilization Area [Add an additional sheet if necessary]	Stabilization Method	alion of Exposed Soil (CG) Rani2. (see reverse forms fructions) Have You Initiated Stabilization?	Nofes	
1. POWNER MILL 2. SLOPES LOOK GOOD 3.		☐ YES ☐ NO If yes, provide date:	NO VISIBLE NOTICED	W454-047.
Was a stormwater discharge or other if "yes", provide the following info	discharge occurring from any	lonioficischargesi (ECR Raff/Afil A (ECT CASE Company) part of your site at the time of the insp	ection? Yes No	
Discharge Location [Add an additional sheet if necessary	Observations			
N/B	Describe the discharge of the discharge	arge: rge and the channels and banks of s d/or sediment accumulation that car at you see, specify the location(s) wh tenance, or corrective action is need	. 20 dimboled to your discharge	e liyes lino
~/4	Describe the discharge signs of erosion and	ge and the channels and banks of sulfor sediment accumulation that can	rface waters in the immediate v be attributed to your discharge	ricinity, are there any visib ? Yes No

If yes, describe what you see, specify the location(s) where these conditions were found, and indicate whether modification, maintenance, or corrective action is needed to resolve the issue:

· 1、4·1917、1221111年2月20日—1222日1日日本中国共和国的	Caralle 1991 Anni Anni Anni Anni Anni Anni Anni Ann	SINGS SAMPLE AND	
		contractor Certification and Signature eneverse for instructions)	
"I Certify under penalty of Is	markle and 10 to a		
system designed to assure t	iw that this document and all attachr	ments were prepared under my direction or ered and evaluated the information submit ctly responsible for gathering the information	St to on delay t
person or persons who man	age the system of the reportly gath	ered and evaluated the information submit	ted Based on much
best of my knowledge and	belief, true, accurate, and complete	ered and evaluated the information submit ctly responsible for gathering the information I am aware that there are significant pend	n, the information submitted to the
ncluding the possibility of fir	ne and imprisonment for knowing wield	ctly responsible for gathering the information and including the superstanding of the superst	ties for submitting false information
		anons,"	/ /
Signature of Contractor or S		Date: 2/	19/19
Printed Name and Affiliation	TALKILE WENC	DWWHITE Date: 21	1110
and Amilanon	JUAN 12. 18/1	- DWW HETE	
	· · · · · · · · · · · · · · · · · · ·	- •	
201100 P.000 S (C-0114) S100 OF S100 P.000			
	(CAMPINE SALES AND	nd	
	. Cerilicalo	n gnalsignalure by Refmiltee	ANALISMIHINDINARANESARA HARIATIYA ARA'ILI
	See	Nand(Signature by Refmiltee Leverse for instituctions)	
'I certify under penalty of la	*** The set of the second seco	reverse for instructions) (
'I certify under penalty of law ystem designed to assure th	w that this document and all attachm	neverse for instructions):	Upervision in accordance with a
'I certify under penalty of lay ystem designed to assure the person or persons who mand	w that this document and all attachment and all att	nents were prepared under my direction or sered and evaluated the information submitted	upervision in accordance with a
I certify under penalty of law ystem designed to assure the person or persons who mand pest of my knowledge and b	w that this document and all attachment and all att	nents were prepared under my direction or sered and evaluated the information submitted	upervision in accordance with a ed. Based on my inquiry of the
I certify under penalty of lay ystem designed to assure the person or persons who mand lest of my knowledge and be accluding the possibility of find	w that this document and all attachment and all att	nents were prepared under my direction or sered and evaluated the information submitted	upervision in accordance with a ed. Based on my inquiry of the the information submitted is, to the es for submitting false information
pest of my knowledge and b nocluding the possibility of fine	w that this document and all attachment and all att	neverse for instructions): nents were prepared under my direction or sered and evaluated the information submitted submitted the information submitted the information submitted submitted the information submitted	upervision in accordance with a ed. Based on my inquiry of the the information submitted is, to the es for submitting false information,
pest of my knowledge and be noted by the possibility of fine signature of Permittee or	w that this document and all attachment and all attachment qualified personnel properly gather age the system, or those persons directly belief, true, accurate, and complete. It is and imprisonment for knowing viola	nents were prepared under my direction or sered and evaluated the information submitted	upervision in accordance with a ed. Based on my inquiry of the the information submitted is, to the es for submitting false information,
pest of my knowledge and be noted in the possibility of fine signature of Permittee or	w that this document and all attachment and all attachment qualified personnel properly gather age the system, or those persons directly belief, true, accurate, and complete. It is and imprisonment for knowing viola	nents were prepared under my direction or sered and evaluated the information submitted the information submitted the information submitted the information of the informations."	upervision in accordance with a ed. Based on my inquiry of the the information submitted is, to the es for submitting false information,
pest of my knowledge and be not be no	w that this document and all attachment qualified personnel properly gather age the system, or those persons directly elief, true, accurate, and complete. It is and imprisonment for knowing violative":	nents were prepared under my direction or sered and evaluated the information submitted	upervision in accordance with a ed. Based on my inquiry of the the information submitted is, to the es for submitting false information,
"I certify under penalty of law system designed to assure the person or persons who mand east of my knowledge and be including the possibility of fine signature of Permittee or "Duly Authorized Representation:	w that this document and all attachment qualified personnel properly gather age the system, or those persons directly elief, true, accurate, and complete. It is and imprisonment for knowing violative":	nents were prepared under my direction or sered and evaluated the information submitted the information submitted the information submitted the information of the informations."	upervision in accordance with a ed. Based on my inquiry of the the information submitted is, to the es for submitting false information,

		General see/reverse ro	ormalion		
Name of Project Bruce	Freeman Rail Trail	CGP Tracking No.	MAR10008B	Inspection Date	2/10/10
Inspector Name, Title & Contact Information	John Vlens- Supt. D. W. White	Construction, Inc., 8	67 Middle Rd. Acushne		(hite com (774) 330 5930
Present Phase of Constructi	on ININTEN SIA	AT DUW		VORK	774(320-3830
Inspection Location (if multi inspections are required, specify location where this inspection is being conducted)	ENTIRE	SITE		· RC	
nspection Frequency (Note: Standard Frequency:	you may be subject to different inspect Weekly Every 14 days ar	tion frequencles in differ nd within 24 hours of a	ent areas of the site. Chec a 0.25" rain	k all that apply,	
 * IV Once per month 	Every 7 days and within 24 hou designated as Tier 2, Tier 2.5, or (for stabilized areas) and within 24 hours of a 0.25" rain (for frozen conditions where earth-or	(f			
Vas this inspection triggered If yes, how did you deter Rain gauge on site	by a 0.25" storm event? Yes mined whether a 0.25" storm event Weather station representa	No has occurred?	HANSCOM A	7112/18 -	Posé
Total rainfall amount thai	triggered the inspection (in inches)	: 2/11/18	.29"	2-/12/10	754
nsafe Conditions for Inspec Did you determine that a If "yes", complete th	ion	or inspection per CGF	Part 4.1.5? Yes	K10	
- Location(s) where	e conditions were found:				

	Cond	ilion and Effecti	veness of Erosio, , and	BFRT MassDOT Contract No-97500 Sedimeni/(E&S)/Controls/((CGP/Part 231))
Type/Location of E&S Control [Add an additional sheet if necessary]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Dale on Which Maintenance or Corrective Action First Identified?	Notes
1. POWDER MILL RD SERPINTINE PATIF	☑Yes □No	☑Yes □No		B'WIDE DOES OF STREW
2.	□Yes □No	□Yes □No		OF FOREST MATT MATERIAL
3.	□Yes □No			SUIGHTURY SPICED OVER
4 . 5.	□Yes □No			STRAN WATTLE
6.	Yes No			SIRIM WYTICO
<i>r</i> .	□Yes □No			
i.	□Yes □No	□Yes □No		
	□Yes □No	□Yes □No		
0. lote: The permit differentiates b	•	□Yes □No		

* Note: The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition and requires repairs if controls are not operating as intended. Corrective actions are triggered only for specific. more serious conditions, which include: 1) A required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in Part 2 and/or 3; 2) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 3) One of the prohibited discharges in Part 2.3.1 is occurring or has occurred; or 4) EPA requires corrective actions as a result of a permit violation found during an inspection carried out under Part 4.2. If a condition on your site requires a corrective action, you must also fill out a corrective action form found at www.epa.gov/npdes/stormwater/swppp. See Part 5 of the permit for more information.

Type/Location of P2 Practices [Add an addilional sheet if necessary]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	(instructions) Notes		
1. N/W	□Yes ☑No	□Yes ☑No	, and the same of	NONE DE THIS	71m5	
2.	□Yes □No	□Yes □No	· 	1973	·	
3.	□Yes □No	□Yes □No				
1.	□Yes □No	□Yes □No				
5.	□Yes □No	□Yes □No		•		
i.	□Yes □No	□Yes □No				
	□Yes □No	□Yes □No				
	□Yes □No	□Yes □No				
	□Yes □No	□Yes □No				
).	□Yes □No	□Yes □No				

^{*} Note: The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition and requires repairs if controls are not operating as intended. Corrective actions are triggered only for specific, more serious conditions, which include: 1) A required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in 2 and/or 3; 2) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 3) One of the prohibited discharges in Part 2.3.1 is occurring or has occurred; or 4) EPA you must also fill out a corrective action form found at www.epa.gov/npdes/stormwater/swppp. See Part 5 of the permit for more information.

Parameter Company in the control of	RESPECTATION OF THE PROPERTY O	BFR1 MassDOT Contract No-9759
Stabilization Method	n of Exposed/Solf(CGP, Parl/2// Elleverse for instructions) Have You Initiated Stabilization?	Notes
N/W	☐ YES ☐ NO If yes, provide date:	NONE
	☐ YES ☐ NO If yes, provide date:	
	☐ YES ☐ NO If yes, provide date:	
	☐ YES ☐ NO If yes, provide date:	
	☐ YES ☐ NO	
harge occurring from any part	Callement of the control of the cont	ection? Yes No
Observations		
_		
At points of discharge of signs of erosion and/or	and the channels and banks of sur sediment accumulation that can l	rface waters in the immediate vicinity, are there any visit
		·
At points of discharge a signs of erosion and/or s	nd the channels and banks of surf ediment accumulation that can b	face waters in the immediate vicinity, are there any visib
I If you donn't		, - : also longer Lines INo
	Description Description Charge occurring from any partition for each point of discharge Observations Describe the discharge of signs of erosion and/or lifyes, describe what you modification, maintenation of the discharge of	Stabilization? YES

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, including the possibility of fine and imprisonment for knowing violations." Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, including the possibility of fine and imprisonment for knowing violations." Signature of Contractor or Subcontractor:	The state of the s	Street Leading and a street of the street of			
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with person or persons who manage the system, or those persons directly responsible for gathering the information submitted. Based on my inquiry of the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations." Signature of Contractor or Subcontractor: Printed Name and Affiliation: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to including the possibility of fine and imprisonment for knowing violations." Signature of Permittee or "Duly Authorized Representative":		Contractor or Subcontr	ctor Cetilication and Signa	lure and the second	
best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information submitted is, including the possibility of fine and imprisonment for knowing violations." Signature of Contractor or Subcontractor: Printed Name and Affiliation: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to including the possibility of fine and imprisonment for knowing violations." Signature of Permittee or "Duly July July July July July July July J	ALL ASS	The State of the S	ISC for instruction class with the second		想站
best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations." Signature of Contractor or Subcontractor: Printed Name and Affiliation: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to including the possibility of fine and imprisonment for knowing violations." Signature of Permittee or "Duration to the information submitting false information submitting false information."	"I certify under penalty of law that this c	document and all attachments	Were property	The state of the s	Harry C.
best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations." Signature of Contractor or Subcontractor: Printed Name and Affiliation: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to including the possibility of fine and imprisonment for knowing violations." Signature of Contractor or Subcontractor: Printed Name and Affiliation: Date: 2 / 5 / 8 Printed Name and Affiliation: Certification and Signature by Permittee "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to including the possibility of fine and imprisonment for knowing violations." Signature of Permittee or "Duly Authorized Representative":	person or persons who	personnel properly gathered	and evaluated the information	rection or supervision in accordance with	α
including the possibility of fine and imprisonment for knowing violations." Signature of Contractor or Subcontractor: Printed Name and Affillation: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to including the possibility of fine and imprisonment for knowing violations." Signature of Permittee or "Duty Authorized Representative":	best of my knowledge and balls to	em, or those persons directly re	Sponsible for gathering the	on submitted. Based on my inquiry of the	u
Signature of Contractor or Subcontractor: Printed Name and Affillation: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to including the possibility of fine and imprisonment for knowing violations." Signature of Permittee or "Duly Authorized Representative":	including the possibility of fine and imposi	accurate, and complete. I am	aware that there are signific	ntormation, the information submitted is, to	o the
Printed Name and Affiliation: Certification and Signature by Permittee Secretaristic formula of law that this document and all attachments were prepared under my direction or supervision in accordance with person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to including the possibility of fine and imprisonment for knowing violations." Signature of Permittee or "Duty Utan's Dividing Date: 2 / 5 / 8 Certification and Signature by Permittee Secretaristic date: 2 / 5 / 8 Certification and Signature by Permittee Secretaristic date: 2 / 5 / 8 Certification and Signature by Permittee Secretaristic date: 3 / 6 / 8 Certification and Signature by Permittee 4 / 6 / 8 Certification and Signature by Permittee 4 / 7 / 8 Certification and Signature by Permittee 4 / 7 / 8 Certification and Signature by Permittee 4 / 7 / 8 Certification and Signature by Permittee 5 / 7 / 8 Certification and Signature by Permittee 6 / 7 / 8 Certification and Signature by Permittee 7 / 8 / 8 / 8 / 8 / 8 / 8 / 8 / 8 / 8 /		symplem, to knowing violations	."	intormation of submitting talse information	on,
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to including the possibility of fine and imprisonment for knowing violations." Certification and Signature by Rermittees (See revelse for instruction by Rermittees) (See revelse for instruct	Signature of Contractor or Subcontractor	E KM KILIUMA	· ·	2/15/10	
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to including the possibility of fine and imprisonment for knowing violations." Certification and Signature by Rermittees (See revelse for instruction by Rermittees) (See revelse for instruct	Printed Name and Assure Tolla	11/10/16	. Dal	le: -//-//- 0	
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with person or persons who manage the system, or those persons directly responsible for gathering the information submitted. Based on my inquiry of the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information submitted is, to including the possibility of fine and imprisonment for knowing violations." Signature of Permittee or "Duly Authorized Representative":	Timed Name and Amilation:	HULENS INV	VALLE PRINCY		
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to including the possibility of fine and imprisonment for knowing violations." Signature of Permittee or "Duly Authorized Representative":			- Caroli,		
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to be including the possibility of fine and imprisonment for knowing violations." Signature of Permittee or "Duly Authorized Representative":					
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations." Signature of Permittee or "Duly Authorized Representative":	The Walter St. V. C.				
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to including the possibility of fine and imprisonment for knowing violations." Signature of Permittee or "Duly Authorized Representative":		Cerillication and	Signature by pare the service	Parting Programme and the control	
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to including the possibility of fine and imprisonment for knowing violations." Signature of Permittee or "Duly Authorized Representative":	NATIONAL STATE OF THE PROPERTY	THE PROPERTY OF THE PROPERTY O	extering this half a substitution of the control of		
best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false informations including the possibility of fine and imprisonment for knowing violations." Signature of Permittee or "Duly Authorized Representative":	"I certify under penalty of law that this do	the state of the s		19.2.2.2.2.2.11.12.2.2.2.2.2.2.2.2.2.2.2	部的
best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations." Signature of Permittee or "Duly Authorized Representative":	system designed to assure that qualified	personnel properly gothers	vere prepared under my dire	ection or supervision in goods.	
including the possibility of fine and imprisonment for knowing violations." Signature of Permittee or "Duly Authorized Representative":	person or persons who manage the syste	m, or those persons directly	nd evaluated the information	n submitted. Based on my inquire at 1	
Signature of Permittee or "Duly Authorized Representative":	best of my knowledge and belief, true, a	ccurate, and complete Lama	ponsible for gathering the inf	ormation, the information submitted in	
Signature of Permittee or "Duly Authorized Representative":	including the possibility of fine and impriso	onment for knowing violations!	ware that there are significal	nt penalties for submitting false information	he
"Duly Authorized Representative":	Signature of Permittee	The state of the s		and the state of t	1,
	"Duly Authorized Representative"				
Printed Name and Affiliation:			Date		
	Printed Name and Affiliation:		Dale.		
		F-2000			
		The first sales of the sales of			





USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Surface Water	▼	United States	•	GO

Click to hideNews Bulletins

- Please see news on new formats
- Full News

USGS 01100568 SHAWSHEEN RIVER AT HANSCOM FIELD NEAR BEDFORD, MA

PROVISIONAL DATA SUBJECT TO REVISION

Click to hidestation-specific text

LOCATION--Lat 42°28′01″, long 71°16′22″, Middlesex County, Hydrologic Unit 01070002, on left bank, 300 ft downstream from FAA hangar at Hanscom Field and 1.6 mi south of Bedford.

DRAINAGE AREA--2.13 mi².

PERIOD OF RECORD--Discharge: October 1995 to current year.

Precipitation: October 1996 through September 1999, October 2002 to September 2004.

Water quality: water years 1995-2001.

GAGE--Data Collection Platform with satellite telemeter. Datum of gage is 115 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS-- Discharge values are highly provisional and will change significantly after thorough check and review of data. Gage-height values are accurate. Precipitation gage re-established on site February 2013.

COOPERATION BY--U. S. Air Force

The precipitation data for this station are temporary and will only be displayed for 120 days. Time series of 15-minute or cumulative daily values WILL NOT be available for retrieval following the 120-display period. Although the instrumentation is calibrated at least once/year, the temporary classification means that documented routine inspections and other quality assurance measures are not performed that would make the data acceptable for archival, retrieval, or future use in general scientific or interpretive studies.

Boating safety tips

This station managed by the Northborough MA Field Office.

Available Parameters	Period of Record			
 All 3 Available Parameters for this site 				
00010 Temperature, water(Min.,Max.,Mean)	2017-08-02 2018-03-01			
	1996-09-30 2018-03-01			
00060 Discharge(Mean)	00060 Discharge(Mean) 1995-10-01 2018-03-01			
Output format Graph Graph w/ stats Graph w/ meas Graph w/ (up to 3) parms Table Tab-separated Days (27) Summary of all available				
Instantaneous-data ava	<u>ilability statement</u>			
or Begin date				
2018-02-01				
End date 2018-02-28				
Daily Sum				

Precipit total, i	tation,
DATE	Feb 2018
01	0.02 ^P
02	0.25 ^P

GO

03	0.00 ^P
04	0.24 ^P
05	0.28 ^P
06	0.00 ^P
07	0.72 ^P
08	0.00 ^P
09	0.00 ^P
10	0.28 ^P
11	0.76 ^P
12	0.01 ^P
13	0.00 ^P
14	0.00 ^P
15	0.00 ^P
16	0.03 ^P
17	0.20 ^P
18	0.33 ^P
19	0.05 ^P
20	0.00 ^P
21	0.00 ^P
22	0.09 ^P
23	0.14 ^P
24	0.00 ^P
25	0.50 ^P
26	0.00 ^P
27	

Policies and Notices

3/2/2018

	0.00 ^P
28	0.00 ^P
COUNT	28
MAX	0.76

Explanation

Provisional data subject to revision.

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms

Subscribe for system changes

News

Accessibility Plug-Ins FOIA Privacy
U.S. Department of the Interior | U.S. Geological Survey

Title: USGS Surface-Water Daily Data for the Nation

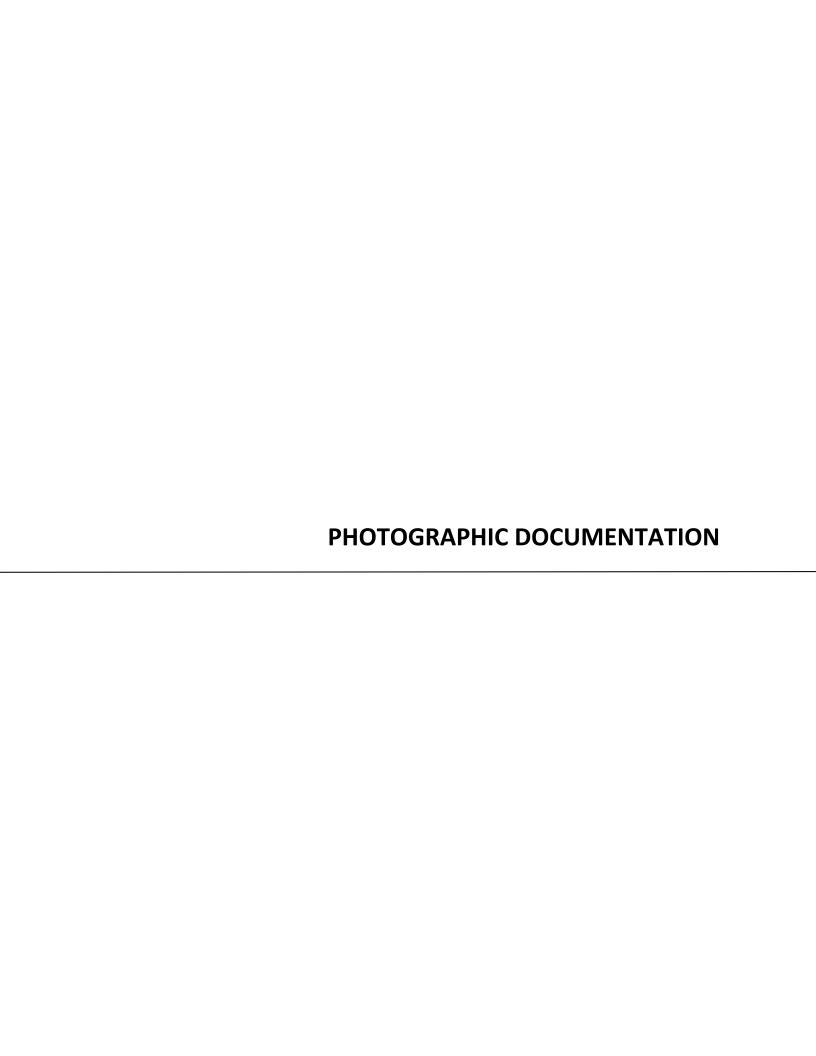
URL: https://waterdata.usgs.gov/nwis/dv?

Page Contact Information: <u>Massachusetts Water Data Support Team</u>

Page Last Modified: 2018-03-02 13:40:00 EST

1.01 0.9 caww01







PHOTOGRAPH LOG JANUARY 13, 2018



EQUIPMENT AND STOCKPILE STORAGE AREA.



STATUS OF PATH LEADING TO BROOKSIDE SQUARE.



PHOTOGRAPH LOG JANUARY 13, 2018



STATUS OF BROOKSIDE SQUARE AREA.



STATUS OF BRIDGE #C-19-038.



PHOTOGRAPH LOG JANUARY 13, 2018



STATUS OF A TYPICAL SLOPE ALONG THE TRAIL.



STATUS OF THE STABILIZATION ALONG POWDER MILL ROAD CULVERT